



SEQUENCE LISTING

<110> Compton, Teresa  
Huber, Mary T.

<120> HUMAN CYTOMEGALOVIRUS GLYCOPROTEIN O AS A NEW DRUG  
TARGET AND SUBUNIT VACCINE CANDIDATE

<130> 960296.96579

<140> 09/627,986

<141> 2000-07-28

<150> 60/146,180

<151> 1999-07-29

<160> 1

<170> PatentIn Ver. 2.0

<210> 1

<211> 465

<212> PRT

<213> Human cytomegalovirus

<400> 1

Met Gly Arg Lys Glu Met Met Val Arg Asp Val Pro Lys Met Phe Val  
1 5 10 15

Leu Ile Ser Ile Ser Phe Leu Leu Val Ser Phe Ile Asn Cys Lys Val  
20 25 30

Met Ser Lys Ala Leu Tyr Asn Arg Pro Trp Arg Gly Leu Val Leu Ser  
35 40 45

Lys Ile Gly Lys Tyr Lys Leu Asp Gln Leu Lys Leu Glu Ile Leu Arg  
50 55 60

Gln Leu Glu Thr Thr Ile Ser Thr Lys Tyr Asn Val Ser Lys Gln Pro  
65 70 75 80

Val Lys Asn Leu Thr Met Asn Thr Glu Phe Pro Gln Tyr Tyr Ile Leu  
85 90 95

Ala Gly Pro Ile Gln Asn Tyr Ser Ile Thr Tyr Leu Trp Phe Asp Phe  
100 105 110

Tyr Ser Thr Gln Leu Arg Lys Pro Ala Lys Tyr Val Tyr Ser Gln Tyr

115		120		125
Asn His Thr Ala Lys Thr Ile Thr Phe Arg Pro Pro Pro Pro Cys Gly				
130		135		140
Arg Val Pro Ser Met Thr Cys Leu Ser Glu Met Leu Asn Val Ser Lys				
145		150		155
				160
Arg Asn Asp Thr Gly Glu Gln Gly Cys Gly Asn Phe Thr Thr Phe Asn				
	165		170	175
Pro Met Phe Phe Asn Val Pro Arg Trp Asn Thr Lys Leu Tyr Val Gly				
	180		185	190
Pro Thr Lys Val Asn Val Asp Ser Gln Thr Ile Tyr Phe Leu Gly Leu				
	195		200	205
Thr Ala Leu Leu Leu Arg Tyr Ala Gln Arg Asn Cys Thr His Ser Phe				
	210		215	220
Tyr Leu Val Asn Ala Met Ser Arg Asn Leu Phe Arg Val Pro Lys Tyr				
225		230		235
				240
Ile Asn Gly Thr Lys Leu Lys Asn Thr Met Arg Lys Leu Lys Arg Lys				
	245		250	255
Gln Ala Pro Val Lys Glu Gln Phe Glu Lys Lys Ala Lys Lys Thr Gln				
	260		265	270
Ser Thr Thr Thr Pro Tyr Phe Ser Tyr Thr Thr Ser Ala Ala Leu Asn				
	275		280	285
Val Thr Thr Asn Val Thr Tyr Ser Ile Thr Thr Ala Ala Arg Arg Val				
	290		295	300
Ser Thr Ser Thr Ile Ala Tyr Arg Pro Asp Ser Ser Phe Met Lys Ser				
305		310		315
				320
Ile Met Ala Thr Gln Leu Arg Asp Leu Ala Thr Trp Val Tyr Thr Thr				
	325		330	335
Leu Arg Tyr Gln Asn Pro Phe Cys Glu Pro Ser Thr Asn Arg Thr Ala				
	340		345	350
Val Ser Glu Phe Met Lys Asn Thr His Val Leu Ile Arg Asn Glu Thr				
	355		360	365
Pro Tyr Thr Ile Tyr Gly Thr Leu Asp Met Ser Ser Leu Tyr Tyr Asn				

370		375		380
Glu Thr Met Phe Val	Glu Asn Lys Thr Ala Ser Asp Ser Asn Lys Thr			
385	390	395		400
Thr Pro Thr Ser Pro Ser Met Gly Phe Gln Arg Thr Phe Ile Asp Pro				
	405	410		415
Leu Trp Asp Tyr Leu Asp Ser Leu Leu Phe Leu Asp Glu Ile Arg Asn				
	420	425		430
Phe Ser Leu Arg Ser Pro Thr Tyr Val Asn Leu Thr Pro Pro Glu His				
	435	440		445
Arg Arg Ala Val Asn Leu Ser Thr Ser Asn Ser Leu Trp Trp Trp Leu				
	450	455		460
Gln				
465				